

PORTUGUESE WATER DOG FOUNDATION, INC.



2007 YEAR END UPDATE

GREAT NEWS!!!! MARKER BASED TEST AVAILABLE FOR JDCM

It is with the greatest of pleasure that we announce the successful development of a "marker-based" linkage test for Juvenile Dilated Cardiomyopathy. After years of research, the minuscule DNA sequence differences called "markers" which are inherited along with the diseased JDCM gene have been identified. The GENE has not yet been found but the "markers" which are linked to the gene have been. This is incredible news for the PWD community. The heartbreak of this disease will be over! The test will be based on blood drawn from individual PWDs and will result in a marker code that will correlate with Normal/Clear, Carrier, or Affected status rating.

Drs. Henthorn and Sleeper are in the process of preparing the lab and research assistants at the U of PA for running the tests. Creating the paperwork which will be required, test explanations, veterinarian instructions, shipping information, forms for each dog, setting up a comprehensive database, etc. is being completed. The test will be ready for all owners to take advantage of by the end of October 2007. It is being made available by the researchers through the University of Pennsylvania Veterinary Hospital. The PWDCA wishes to thank its donors without whom the research could never have been paid for since the cost so far has been \$96,600. We would also like to thank all those who donated their time, efforts, dogs & to the breeders who bred the test litters.

While we are very happy with the above announcement, we want everyone to realize that the research is continuing as Dr. Henthorn and Dr. Sleeper are striving for a gene based test.

For further information, please see the PWDCA website at www.pwdca.org. Please **DO NOT CALL** the University or Drs. Henthorn or Sleeper for information. They will not accept phone calls and it will only delay things.

PWDCA HELPS SHARE COST

In the fall of last year, as you all know because we published here in our 2006 Year End Newsletter we received a request for additional funds needed (\$16,870) by Drs. Henthorn & Sleeper for continuation of the research needed to develop a test. The PWDCA had graciously agreed to donate \$7,000 to us for that request and we were remiss in not noting that in our 2007 Mid Year Update. We sincerely apologize for that oversight.

We received a second request from Drs. Henthorn & Sleeper for additional funds totaling \$29,855. This time the PWDCA agreed to share 50% of the cost with the PWDCA. This saves substantial research dollars for other projects that we are considering funding.

The Board of the PWDCA thanks the PWDCA Board and it's members for its continued support of health research. Together we can work towards a healthy future for the Portuguese Water Dog!

IN THIS ISSUE:

CARDIO TEST	1
SHARING COSTS WITH THE PWDCA	1
WHY IT'S IMPORTANT FOR PET OWNERS TO UNDERSTAND THE USES OF GENETIC TESTING	2
COST OF RESEARCH	3
RABIES CHALLENGE UPDATE	4
DONATION FORM	5
HONOR ROLL OF DONORS	6-7-8

Financial Founders

Carole Doerr-Allen
Jim & Ann Gardner Arens
Joan C. & Paul S. Bendure
Norman & Susan Bogdanow
Dr. Virginia Brown
Cathy Cates & Charles White & Skyline Art, Inc.
Janet Danford-Comer & The Ralph E. Danford Trust
Adelaide & Lorenz Cueni
Jane & Stu Freeman
Hank & Rita Galaska
Mary C. & Bill Harkins
Theresa D. Herman
Linda Hanson & Mike Korchinsky
Pat Hogan
Linda K. & Krista K. Hunt
Maralee Johnson
Andrew & Angela Kalmanash / Ruff Wave PWDs
Jayne L. Kenyon
Carolyn Miller Knutson
Jessie & Chuck Kushell in memory of CH Camerell's Duel at Diablo
Joan & Richard Lehach in honor of Pico do Mar & Cutwater Night Rider
Joan Lehman, "Southfield"
Carol M. Mattingley & Ann Bowley
The McEwen Family Foundation
Art & Jane McEwen in honor of "Delilah"
Norm & Jan Mosher in memory of Camerell's Dominicao & CH High Meadow Alexis of Brinmar
Maryanne B. Murray & Linwood A. Kulp, Jr.
J. D. & Ann Northway in memory of "Cassie"
John P. Piper & Deborah J. Tuttle
Dorothy Rouse-Bottom in honor of CH Carousel Faye Britomart & CH Septimus Severus, her son
Robert & Virginia Santoli
Joseph & Maria C. Schoenfelder
Charles & Marge Schreiber
B. J. Ridings Shaffer
Elaine Suter
Susan Shaw Teasley
Geri Zuckerman

Why it's Important for Pet Owners to Understand the Uses of Genetic Testing

This is an exciting time with amazing advances in veterinary medicine. The area of molecular genetics has become one of the hottest areas of research bringing the development of genetic testing to dog breeders. So why as a pet owner is this information important? Many pet owners are looking for a happy, healthy pet to add to their family. Because they are not interested in breeding, many mistakenly feel that they do not need to learn about genetic testing. Many of these people also fall into the trap of impulse buying, by purchasing a dog in a pet store or via an internet puppy broker. Many impulse purchases lack research into the health and temperament of the pedigree and these new owners can only hope that the dice will roll in their favor with a happy, healthy pet. Genetic testing offers the opportunity for many people to become more informed consumers. After all, would you consider buying a car, sight unseen, with no history? Then, why would you not put in the same, if not more effort, into investigating a new addition to your family that you will trust to sleep in your child's bed?

To understand the use of genetic testing and their use for breeders and pet owners, we first need to remember some basics about genetics. The term hereditary or genetic is used to describe a disease caused by a DNA mutation that can be passed from parent to offspring. The term congenital is used to describe a disease that is present at birth. It is important to remember that a congenital disease can be genetic; however, not all congenital diseases are genetic. In fact, toxins, infections, and other environmental factors can cause congenital diseases. It is also important to remember that not all genetic diseases are identifiable at birth. A good example of this is progressive retinal atrophy (PRA) in Portuguese Water Dogs (PWDs). Dogs affected with PRA generally do not show signs of blindness until much later in life.

Once a disease is recognized as genetic, knowing how it is passed from generation to generation is the next step in preventing and managing genetic diseases. There are several inheritance patterns recognized in dogs. We are probably most familiar with autosomal recessive traits. An example of an autosomal recessive trait in Portuguese Water Dogs is storage disease (GM-I gangliosidosis). PWDs that test normal do not have a copy of the mutated gene. PWDs that carry one affected gene and one normal gene do not show any signs of the disease, however, they

may pass that affected gene onto their puppies. Puppies that receive two affected genes, one from each carrier parent, will develop the disease. These are important points to keep in mind for breeders as well as pet owners. The goal of breeders is to create healthy puppies while maintaining breed genetic diversity. Breeders can utilize tests such as this to prevent producing an affected puppy, while still utilizing the genes of exceptional carrier and affected animals. It is important for pet owners to understand that for autosomal recessive diseases such as this example in PWDs, a carrier dog is a very healthy pet. This does not always hold true for other modes of inheritance, so when evaluating a disease and the use of the genetic test, it is important to understand how the disease is inherited.

Genetic (DNA based) tests come in two varieties. The first type is a mutation based test. These detect the exact DNA defect or mutation that is the cause of the disease. Results are often given as Normal, Carrier, or Affected. Examples of mutation based tests available for PWDs include GM-I and prcd-PRA.

The second type of genetic test is the linked marker test. Markers are segments of DNA that have an identifiable physical location on a chromosome whose inheritance can be followed. A marker can be a gene or it can be some section of DNA with no known function. Because DNA segments that lie near each other on a chromosome tend to be inherited together, markers are often used as indirect ways of tracking the inheritance pattern of a gene that has not yet been identified, but whose approximate location is known. The results of these tests are often given as a pattern such as A, B, or C. A good example of a linked marker test in PWDs is the

newly announced test for juvenile dilated cardiomyopathy (JDCM) discussed in this issue, which will hopefully be available to breeders by late October.

The obvious advantage of tests such as the new JDCM test is the ability to immediately reduce puppy loss from this disease based on careful breeding practices over several generations.

(continued on next page)

2007 Year End Update is a publication of the Portuguese Water Dog Foundation, Inc.

P. O. Box 203

Parker Ford, PA 19457-0203

www.pwdfoundation.org

The mission of the
**Portuguese Water
 Dog Foundation**
 is to generate significant
 resources for funding
 research into genetic and other canine
 diseases to improve the life and
 health of all
 Portuguese Water Dogs.

IMPORTANT - ADDISON'S **Cheek Swabs Still Needed**

If you have not participated in the study or need to update your dog's health information (especially as it relates to any relatives related to a affected dog and its parents - this would include sibs, aunts, uncles, grandparents, cousins, half-sibs, etc.) please go to <http://cgap.ucdavis.edu>

(continued from page 2)

There is nothing more devastating to a pet owner than taking home a beautiful new PWD puppy only to have this puppy die suddenly from this disease at such a young age. The emotional toll that this tragedy takes on the entire family as well as the breeder is immense. With genetic based tests like this, breeders can identify healthy carrier animals so that they can make careful breeding decisions in order to avoid tragedies such as this for pet owners. Pet owners, in turn, can use these tests to help find breeders who are working to identify and prevent diseases like this in their dogs.

Unfortunately, breeders can not look into a crystal ball and predict that a puppy they produce will never get sick. However, an educated breeder can discuss with a new puppy buyer the most common inherited diseases in their breed and their line. A buyer should be concerned when during a discussion like this, a breeder states that they have no health concerns in their dogs and so have no need to perform genetic testing. This should hint to the buyer that the breeder is either not very forthcoming with health information, or does not know about the health history of their lines well enough. A puppy buyer, in turn, needs to understand the basics of these diseases and how they are inherited. For a puppy buyer, it is important to remember that for a simple autosomal recessive disease, such as juvenile dilated cardiomyopathy in PWDs, a carrier is a perfectly healthy pet. Buyers also need to understand that for a disease that is inherited in this way, a breeder who breeds a carrier to a normal dog will not produce the disease and may be making this decision to help preserve the long term genetic health of their line and the breed as a whole. In fact, it has been shown that by quickly eliminating animals that are carriers or affected by a genetic disease, the genetic diversity of the breed is reduced and the incidence of other diseases is increased. Breeders utilize genetic tests as one factor in making well informed breeding decisions and puppy buyers can also utilize them to become well educated consumers in their effort to find a healthy new addition to their family.

We thank Cynthia O'Connor DVM for this article.

The Cost of Research - An Explanation

To answer that question and to give you some insight into the cost of research, we thought we would breakdown some of the cost associated with developing the Juvenile Dilated Cardiomyopathy (JDCM) linked marker based test.

In July, Drs. Henthorn and Sleeper put in a request for an additional \$29, 855 to continue the work necessary to improve the linked marker test that have developed and to get the Portuguese Water Dog community a mutation-based test.

This is how that budget is broken down:

Budget: 29,855 Budget Period: 9/1 to 12/31/07

Salary (including benefits) for researcher at a 50% effort for four months \$19,855

Lab reagents \$10,000

(Approximate distribution: PCR and Reverse transcriptase PCR reagents including Taq polymerase, nucleotides, disposable plastic ware, PCR primers and DNA-sequencing)

Personnel:

Despite the fact that the total for research so far has been \$96,600, we have only paid a fraction of the true cost.

Dr. Petra Werner, Research Assistant Professor, is performing the linkage and haplotype analysis, designing assays to identify polymorphisms, designing primers for PCR and sequence analysis of candidate genes, and evaluating gene expression studies.

For example, there is Mr. Michael Raducha, who is the senior technician with more than 25 years of laboratory experience, and who has been performing the vast majority of the benchwork. Also making major contributions to the project are Dr. Mark Haskins, who oversees the animal colony, an animal care technician and veterinary students who work in the colony, Dr. James Rhodes, our Medical Genetics resident, and Dr. Margret Casal, also a faculty member in our Section of Medical Genetics, who provides veterinary care and oversees the breeding of the colony dogs. All of these people, as well as Drs. Sleeper and Henthorn, are supported by the University of Pennsylvania, through the Department of Clinical Studies-Philadelphia.

MEMORIAL

The Foundation would like to announce the creation of a section on our website devoted solely for our donors to memorialize their PWD. This would be an exceptional way to remember and honor those dogs that have meant so much to us.

While your dog will live forever in your hearts, you will now have the unique opportunity to share him with the world through photo(s) and words, as well; your donation is tax deductible and will be used to support canine health research.

A \$250 donation allows for one photograph and up to 100 words while a \$1,000 donation gives you a private page and either one large photo or four smaller one and 500 words. For an example of what this beautiful tribute looks like please visit our website at www.pwdfoundation.org

PUPPY PLEDGE

Breeders! Are you looking for a way to introduce your puppy buyers to the PWDF and its mission? Do you want to spark their interest in the health of the Portuguese Water Dog?

We would like to introduce you to PWDF Puppy Pledge! What is a Puppy Pledge? It is an innovative way for breeders to introduce puppy buyers to the PWDF. You, the breeder, inform the puppy buyer about the PWDF and suggest that they consider a tax deductible donation to us to help support health research for the breed. If they would like more information about the PWDF they can visit our website (www.pwdfoundation.org). We already have a number of breeders who have been doing this for the past few years. Some of them even make it (the donation) mandatory as part of the contract.

As an example, we have a participating breeder who has placed 4 puppies out of her current litter. This breeder suggests a donation be made to the PWDF. The amounts we have received from these 4 puppy owners are \$50, \$100, \$100 & \$200. Those are typical amounts. The vast majority of new puppy owners are deeply concerned in the health of their puppy and the rest of the breed. Naturally their name is listed as a donor in our Update. Please ask your puppy buyer to make the donation in your honor.

Internet Searching Earns Money for the PWDF

An easy way to help the PWDF is through a new search engine powered by Yahoo! and online shopping site called GoodSearch. GoodSearch will make a donation to the Foundation with every search and every online purchase at one of their partner merchants (including The Gap, Target and Barnes and Nobel!). It doesn't cost you a thing — the money comes from the advertisers and the stores.

The more people who use this site, the more money will go to the Foundation. So please spread the word to your friends and family.

Here's the web site — <http://www.goodsearch.com>. You can also read about GoodSearch in the NY Times, Oprah Magazine, CNN, the Wall Street Journal, and more.

Rabies Challenge Study Begins!

The PWDF co-sponsored research into the Rabies Challenge Fund. Since they met their first year goal of funding, the research has begun!

You ask why challenge the current Rabies Vaccination policy?

Rabies vaccinations are required by law in nearly all states. Even though the protection from rabies is documented to last at least three years, current law in some states or areas requires the booster to be given annually or biannually rather than the standard policy of every three years.

Scientific data indicates that vaccinating dogs against rabies every three years is unnecessary. Studies have shown the duration of protective immunity against rabies virus to last as long as seven years after being vaccinated. This has been proven by measuring the level of serum antibody titers. The goal of the study is to validate the 'true' life of rabies virus immunity and hopefully move to vaccinations every five or seven years. Doing this, we will decrease the risk of adverse reactions in our animals and minimize the repeated exposure to foreign substances. Reactions from the rabies vaccination that have been documented include.

- Behavior changes such as aggression and separation anxiety
- Obsessive behavior, self-mutilation, tail chewing
- Pica - eating wood, stones, earth, stool
- Destructive behavior, shredding bedding
- Seizures, epilepsy
- Fibrosarcomas at injection site
- Autoimmune diseases such as those affecting bone marrow and blood cells, joints, eyes, skin, kidney, liver, bowel, and central nervous system.
- Muscular weakness and or atrophy
- Chronic digestive problems

CANINE RABIES ELIMINATED IN THE US

The Centers for Disease Control and Prevention (CDC) at the Inaugural World Rabies Day Symposium has formally declared the elimination of the type of rabies previously found in dogs in the United States. This declaration is supported by animal surveillance nationally. "The elimination of canine rabies in the United States represents one of the major public health success stories in the last 50 years." Stated by Dr. Charles Rupprecht, Chief of the CDC Rabies Program.

**The Portuguese Water Dog Foundation, Inc.
P.O. Box 203
Parker Ford, PA 19457-0203**

The Portuguese Water Dog Foundation, Inc. needs your help and support to fund research to improve the quality of life and health of our Portuguese Water Dogs. Your **tax-deductible** donation, in **any amount**, would be greatly appreciated. In addition to personal donations, a donation may be made in memory or honor of a friend or loved one, whether human or canine. Donors' names will be kept anonymous upon request.

Donor levels are: Deck Hand (up to \$49); **Sailor** (\$50 to \$99); **Boatswain** (\$100 to \$249); **First Mate** (\$250 to \$499) **Captain** (\$500 - \$999); **Commodore** (\$1000 or more)

Yes, I want to do my part to help Portuguese Water Dogs.

Enclosed is my donation, in the amount of \$ _____, payable to PWDF, Inc.

MAIL CHECKS TO: PWDF, Inc. - P.O. Box 203 - Parker Ford, PA 19457-0203

OR FAX CREDIT CARDS TO: 610 469-8661 (a secure number - 24/7)

OR ONLINE at www.pwdfoundation.org

PLEASE PRINT OR TYPE CLEARLY

Donor may be listed a _____

Donation is in memory of in honor of Happy Birthday Congratulations on your win! Thank You

Name _____

Please send acknowledgement/receipt for donation to:

Name _____

Mailing Address _____

Email _____ Phone _____

Credit card forms can be faxed to 610 469-8661 (a secure number - 24/7)

OR you can submit them online at www.pwdfoundation.org

VISA MASTERCARD DISCOVER AMERICAN EXPRESS

Credit Card # _____ Exp Date _____

Credit Card Security Code Required (last 3 digits printed above the signature--AmEx 4 digits printed on front of card) _____

Authorized Signature _____

Name _____ Email _____

Address: _____

City _____ State _____ Zip _____ Phone _____

Thank you for your generosity and support of the Portuguese Water Dog Foundation, Inc
Recognized under IRS 501(c)(3) Tax Status - Donations to the Foundation are tax-deductible

The official registration and financial information of The Portuguese Water Dog Foundation, Inc. may be obtained from the Pennsylvania Department. of State by calling toll free, within Pennsylvania 1-800-732-0999 or out of state 1-717-783-1720. Registration does not imply endorsement.

Tear Here

In Memory of...

In Honor of...

Looking for reasons (or excuses) to support the PWD Foundation and health research throughout the year? You can show your support and at the same time acknowledge a human or PWD friend or family member? Send a donation to honor that friend or a memorial donation in the memory of a departed friend. The PWD Foundation will send a nice card embossed with our logo acknowledging your generosity to the person or family you designate.

COMMODORE (\$1,000 +)

2006 PWDCA National Specialty
Aspen Cove PWDs in honor of CH Armada Lil' Mermaid
Helm's Alee "Hannah" for giving me my sweet "Bug"
Deb Bender/The Calimel Fund
John, Diane, Lesley, Connor & Laura Burke in memory of Sparky
In memory of CH. Eden Captain Nemo of Charkit, UD, TD, AWD, CGC, TDI, SROM, from Terry & Frank Cardillino
Lucia B. Dudley in memory of Taylor Watson
Carolyn M. Knutson
Rio Salgado Portuguese Water Dog Club

CAPTAIN (\$500-\$999)

Donna & Ted Buckenmaier in memory of Lisbon, Cali & Cami
Connecticut River Valley Kennel Club in honor of Virginia Cuneo
Erin & Steve Mayfield in memory of Mr. Colville Jackson
Metairie Kennel Club in memory of Colville Jackson
Nutmeg PWDC Water Seminar Proceeds in honor of Susan Malick, instructor
Nutmeg Portuguese Water Dog Club in memory of Jill Kunze Grella
Laura Van Dyne in memory of CH Scylla's Baby Dock NA (Duck)
Paul Zoschke & Marcie Wallace to honor Jean Hassebroek,
Morgin Powell and Linda Hunt for placing Cheers with us

FIRSTMATE (\$250-\$499)

Jim & Karen Ash in memory of Colville Jackson & to thank him for entrusting them with Travis & Brio
Andrew & Shari Barden in memory of Figo

FIRSTMATE (\$250-\$499)

Thank you to Eddie, Vickie, Drake, Nelson & Sophia for all the joy you have given us
In loving memory of Colville Jackson from
Terry & Frank Cardillino & Nimitz
Verne K. Foster
Stuart & Jane Freeman
Kyle & Chris Hennefer in memory of Colville Jackson
Cheryl W. Hoofnagle
Debra Keller in memory of CH Scylla's Baby Dock NA (Duck)
Marilyn Rimmer for JDCM & in memory of Cassie, Nemo & Jake
Lucy & Paul Robinson in memory of Colville Jackson
Cari & Jeffrey Schipper as a Thank You to
Carol Mattingley & Marge & Charles Schreiber
Nancy L. Schlemmer
Dennis & Fran Slutsky in memory of Schroeder - beloved 1st PWD
Deana Volker wishes to thank Jennifer Vawter & Augustine Kennels for allowing Maya & Skipper to share their lives.
We love these two so very much. (Plus, they don't shed!)
Tom & Peggy Weissenborn in memory of
Am CH, Intl CH, Bda CH Tradewinds "Baron"

BOATSWAIN (100-\$249)

Liz Adams in memory of Ariel & Roxanne
Mary & Craig Ahlquist CnSand Puppy Pledge
Anonymous in memory of CH Ilara Sardo ("Sardi")
Michaela & Bruce Bancroft in honor of Zep & Aero
Deb Bender in memory of "Nemo" CH Eden Captain
Nemo of Charkit, UD, TD, AWD, CGC, TDI, SROM
Deb Bender in memory Querida Goya
Ysatis V D Duca Vallei owned by Ilona Griffioen
Deb Bender in honor of Randi Astrom
Deb Bender in memory of Tesouro Blue Sky Sweet Sailin "Sailor"
Steve & Bobbie Benninga in memory of Boss & D.J.
Stephen & Nancy Blakely in memory of "Rory" Portomars Aurora Borealis
Sue & David Bloom in honor of Willie
The Bonner Family & Bobber
Kathleen Brochin in honor of Carol Mattingley - Windruff Kennels
Carol Bronowicz-Wichterman & David
Wichterman in honor of the PWD PSG
Roberta M. Capuano & Tom Hefferen
Linda & Jim Carey
Lindsey Cassidy in memory of Stonewall
Joanne Chilton
Cosmos daughter Koko for the Bogey Challenge for Cardio Research
Jean B. Courtney
David & Rhonda Nesmith Crichlow CnSand Puppy Pledge
John & Susan Cucura in memory of Roseknoll's Oliver Sunrider
Phyllis Crane in memory of our beloved PWD Jiggs
The Devlin Family in memory of Cutwater Casino Lights (Roxy)
Lucia Dudley in memory of Nemo
Barbara Floch - Bogey's challenge for cardio research
Ed & Karen Giles in memory of CH Neocles Senecan Questar
Steven Glynn & Cathleen Swody CnSand Puppy Pledge
Vicki & Ken Goldberg in honor of their
2 beautiful PWD's, Blue & Maggie Rae
Kathy Groschupf & Frank Baucom in memory of
CH Northwind's Bolina CD, AX, AXJ, CWDX, GROM
Robert Hall & Sue Wilcox-Hall in memory of Bentley
Peter Harrington CnSand Puppy Pledge
Susan Hopkins for the Bogey Challenge
Linda K. & Krista K. Hunt in memory of "Nina" MACH2
Kalista's Around the World CD TD OF CWDX GROM
Colville Jackson a great man who blessed us with Chewy & Covey
Katrina Jackson - Jewel de Agua
Bennie & Mike Johnston thank Cindy McCullough
for their wickedly funny Neptune & Nemo
Charles & Marie Kapetanakis in memory of Rose Schreiber

BOATSWAIN (100-\$249)

AJohn & Mary Ann Keller in memory of CH Scylla's Baby Dock NA (Duck)
 James Marcus CnSand Puppy Pledge
 Andrew & Laura McCullough in honor of
 Stella, Sadie and Callie, our PWDs
 Rachel S. Miles in memory of Chet Young
 with Pfizer Matching Gifts Program
 Stephen Monas & Margaret Megaw
 Marlene & Ron Nicewander in honor of Lucy & Boomer
 Carol & Michael Pleskoff in honor of
 CH Legado Defensor Donegan 10/14/1998 - 9/6/2006
 Carol & Michael Pleskoff in honor of the
 Rio Salgado Portuguese Water Dog Club
 Portuguese Water Dog Club of Northern California for hemangiosarcoma
 research in the name of Pam Marcus for her dedication to the breed
 Rasklubben for Portugisisk Vattenhund RPVH (PWD Club in Sweden)
 Alan & Sharon Reisdorf in honor of Frannie and Guga
 Jon & Judy Runstad in honor of Sunny
 Charles & Marge Schreiber in memory of Colville Jackson
 Julie St. Peters, Steve & Mary Ellen Buesen, Judy Bruch, Chuck & Candi Bubert,
 Mark & Marianne Beesley, Steve & Lisa Humke,
 Jerry & Mary-Kay Schroeder in memory of Stephen Blakely
 Donna E. Shalala in memory of Cheka
 Linda Shultz in honor of Charlie & Ellie
 Southern California Portuguese Water Dog Club thanks
 Verne Foster for the donation of her artwork
 Gloria Stevens in memory of Floosie
 Susan Straight & Elona Meyer in memory of Margo
 Barbara L. Strauss
 Jerry & Sharon Stugen
 Gloria Sullivan in honor of the PWD PSG
 Ruth Ann Valdivia
 Catherine Waters in honor of the PWD PSG
 Stanton & Margaret Weissenborn in memory of Colville Jackson
 Margaret White, Deer Chase PWDs
 Nadine & Rick Woldenberg
 Robert A. Yellowlees
 Geri Zuckerman/Seadream PWDs in memory of Colville Jackson

SAILOR (\$50-\$99)

Peter Abrahams
 Roxana Adams & Leon Ayson
 Robin Allan & John Gordan in honor of Cinza
 Mandy & Susan Antkiewicz in memory of Boomer & Cisco Bayswater
 Barbara Belicose
 Joan D. & L. Thomas Block
 Benita Bottom-Svitchan in honor of Siena
 Eliot Brown & Mary Sama in memory of Maya
 The Buckwalters
 Ann Camp in honor of the PWD PSG
 CnSand Portuguese Water Dogs in honor of the PWD PSG
 CnSand in memory of Cosmos Net Minder "Comet"
 Stephen & Karen Cavanagh thank Susan McMahon for allowing
 them to give Gaby a home. She was a very sweet girl.
 Nigel Clark - Oreo Bay PWDs in honor of the PWD PSG
 Med DeFore offering congratulations on the new championship of
 CH Torrid Zone's Prince of Tides "Duke"
 Pat DeVries in honor of the PWD PSG
 Ethel A. Dias in memory of Mariah
 Bill & Heather Esterday
 Barbara Floch in honor of the PWD PSG
 Ed & Janice Garner in memory of Brinmar's Brillhante of Rockhill (Brie)
 Steve & Mary Goodman in honor of the PWD PSG
 Ron & Mary Guziak
 Bill & Mary Harkins in honor of the PWD PSG
 Janet Hart in honor of Timber Oaks Harbour Briland

SAILOR (\$50-\$99)

Christa Heinze in honor of the PWD PSG
 The Holte Family in honor of Boomer
 Lisa Hubbard in memory of BIS CH Bellavista Zorro de Alto Mare AOM
 Linda K. & Krista K. Hunt in memory of
 CH Northwind's Bolina CWDX, CD, AX, AXJ, NAP, NJP, GROM
 Linda K. & Krista K. Hunt in memory of "Lightie" Hayenga
 Thomas Jadico, Jr. in memory of Stonewall
 Dorothy & Peter Kowey
 Randy & Karen Latham in honor of the PWD PSG
 Tom & Judy Leather in memory of our beloved Miss Blueberry
 Muffin and in honor of Max-A-Million and Miss Margaret
 Sarah Leatherman in honor of the PWD PSG
 Sarah Leatherman in honor of Shania, Gabe &
 Aspen Cove's Lunar Shadow "Luna"
 Doug & Cathy Lee in memory of Herbie
 Marsha & Douglas Marcus in memory of Pokey Marcus
 Mariner, Reg. Kennel/Cynthia McCullough
 Jim & Nancy McElwee in memory of Colville Jackson
 Scott & Adrienne McVeigh
 Norm & Jan Mosher in memory of Colville Jackson, with
 thanks to a great man who loved and improved the PWD
 Norm & Jan Mosher in honor of Lulu
 Norm & Jan Mosher in memory of
 CH Watermark Time Will Tell - Cosmo -- with many well earned titles
 Bob & Judy Nixon at Rhapsody in memory of Colville Jackson
 Kelly O'Brien in honor of Miss Halley Berry
 Ann & Peter Paige in honor of Bella
 Patriot PWDs, Kathy Maguire in honor of the PWD PSG
 Rich & Carol Pfeiffer in memory of Colville Jackson
 Carol & Michael Pleskoff in memory of Jake
 Carol & Michael Pleskoff in memory of Toby
 Sandra Pond for Bogey's Challenge for Cardio Research
 Ted & Linda Purtell in honor of Colville Jackson
 Sherry Rady says Thank You to Hi Mark Water Dogs
 Chris and Elaine Rasmussen in honor of the PWD PSG
 Deb & Bill Richardson in memory of Colville Jackson
 Rio Salgado Portuguese Water Dog Club in memory of
 Amarinhar Bela Mira CDX RN NA NAP NAJ WWD (Bela)
 Rio Salgado Portuguese Water Dog Club in memory of
 Dogato's Cha Cha One Hot Number (Cha Cha)
 Rio Salgado Portuguese Water Dog Club in memory of
 CH Legado Defensor Donegan NA NAP NAJ NJP (Donny)
 Rio Salgado Portuguese Water Dog Club in memory of
 CH Northwind's Bolina CD, AX, AXJ, CWDX, GROM (Bolina)
 Barry & Judy Roland in memory of Colville Jackson
 Sue & Steve Rosenstein in honor of
 CH Le Hi's Captain Midnight's 15th Birthday
 Wendy Serkin in honor of Down East William Shakespeare 2002-2005
 Janet Shipley congratulates Sergio on his win!
 Sarina J. Sivilli in memory of Jill Hope Grella
 Suzanne Steele/Crestwood PWDs
 The Strickler Family in memory of our Bailey
 Tabitha Thompson in honor of the PWD PSG
 Nancy Vener
 Cathy Winkler in memory of Colville Jackson
 David K. Winn in memory of Coleville Jackson

DECKHAND (up to \$49)

Lynn Adams in honor of Baycliff's Sofia de Sagres (Sophie)
 Paula & Bob Adamson
 Jim & Karen Ash/SaltyDawg PWDs in honor of
 Roughrider's Mandy Lifeboat Sweet Sixteenth Birthday
 Stuart & Terri Bamberger
 Karen Berggren/Rio Salgado PWD Club Supported Entry Auction
 Valerie Berry in honor of the PWD PSG

DECKHAND (up to \$49)

Kurt & Darlene Brushwein
 Linda Campbell in honor of the PWD PSG
 In memory of Windward I Sailed With Noah,
 CDX, CGC, TDI from Terry & Frank Cardillino
 Jim & Linda Carey in honor of the PWD PSG
 Ann Gaskell in honor of the PWD PSG
 Ann Gaskell in memory of Scamp Gaskell
 Genie & Paul Gengler in honor of Teddy Gengler
 Miriam & Kal Goren in memory of CH Olimpia do Vale Negro ("Olimpia")
 John W. Haeger in memory of Piedelai Allegretto Con Brio
 Hannah, Mark & Rachel in memory of Jill Grella
 Petro Haring in honor of the PWD PSG
 Meg Harper in honor of Annie & Bentley
 Lisa Harris in honor of Gilda
 Kelly & Grant Hetherington in honor of Aroona
 Linda Hinkle in honor of the PWD PSG
 Linda & Krista Hunt in memory of "Trina" Hayenga
 Ann Jackson in memory of CH. Eden Captain Nemo
 of Charkit, UD, TD, AWD, CGC, TDI, SROM - "Nemo"
 Ann & Colville Jackson in memory of Rose Schreiber
 The Kallos Family
 Isabelle Kary in memory of Jill Kunze Grella
 Susan Kessler in honor of the PWD PSG
 Pam Marshall in memory of "Nemo", owned
 & loved by Frank & Terry Cardillino
 Carol Mattingley & Ann Bowley for Bogey's Challenge for Cardio Research
 Carol Mattingley & Ann Bowley in memory of Colville Jackson
 Carol Mattingley & Ann Bowley in memory of
 CH Crestwood Amicus Cruiser, CGC, TDI, JWD "Cruiser"
 Jane McEwen in honor of the PWD PSG
 Carole P. Mclvor in memory of Jill Kunze-Grella
 Lesley F. Millar in memory of Querida Goya Ysatis v/d Duca Vallei (Goya)
 Judy Murray in memory of CH Crestwood Amicus Cruiser
 Judy Murray in memory of CH Seven Winds Stonewall
 Judy Murray in memory of Nemo
 Sandra Nightingale in honor of the PWD PSG
 Carol & R.M. Owens in memory of Jill Hope Grella
 Steve & Peggy Perkins in memory of
 CH Legado Campeao de Ashbe, AWD, OA, OAJ
 Steve & Peggy Perkins in memory of
 CH Northwind's Bolina CD, AX, AXJ, CWD
 Shandra Pickering in memory of
 CH Anji's Black Tie Affair de Galvez (Portia)
 Carol & Michael Pleskoff in memory of Bolina
 Carol & Michael Pleskoff in honor of the PWD PSG
 Fred & Sue Preis in memory of Colville Jackson
 Candace Riggs & Family in honor of the PWD PSG
 Marilyn Rimmer in honor of the PWD PSG
 Janna Ross in honor of the PWD PSG
 Julie Rust in honor of the PWD PSG
 Marge & Charles Schreiber in memory of
 "Cruiser" CH Crestwood Amicus Cruiser, CGC, TDI, JWD
 Marge & Charles Schreiber in memory of CH. Eden Captain Nemo of Charkit,
 UD, TD, AWD, CGC, TDI, SROM - "Nemo"
 Lyn & Jack Schwartz in memory of Jill Hope Grella
 Heather Shilo in honor of the PWD PSG
 Dr. Marian Solomon congratulating Pat, Arvid & Wisper Qvigstad on their win!
 Suzanne Steele/Crestwood in memory of CJ
 Suzanne and Peter Steele in memory of Taylor Watson
 Patricia Tremaine in honor of The PWD PSG
 Judy Weinstein in memory of CH MACH Del Sur's Party Pooper RN NAP NJP
 Judy Weinstein in memory of
 CH Northwind's Bolina CD AX AXJ NJP NP CWDX GROM
 Christi Fogus Wetherholt in honor of the PWD PSG
 Sian Wilstrup in honor of the PWD PSG
 Peggy Wireman
 Curly & Catie Wolcoveick in memory of Faro
 Ed Wynn in memory of Lorraine Lagattolla

INNOVATIVE FUND RAISING

The 2006 Portuguese Water Dog Club of America National Specialty created an innovative fund raising effort that benefited the PWDF. The event, Chaired by Milarie Rude and Kathy Bumiller, had a special t-shirt design and chef's hat that were sold on the Specialty Merchandise webpage. All profits were earmarked for the PWDF which resulted in a donation of \$2,392.

Deb Bender has continued her support of the PWDF through the Calimel Cares project. Deb has been designing graphic items (t-shirts, bags, calendars, coffee mugs, etc.) through CafePress.com since 2004. These items are created using fabulous PWD pictures from her own photography as well as photos donated by others. Go to <http://www.cafepress.com/calimel> to see the ever changing inventory of available items. Because of her efforts, Deb has been able to donate over \$12,000.

Since 2004, the Pedigree Study Group (PSG) headed by Karen Berggren with the help of many others, developed the Pedigree Study Group Database (PSG). This unique database has pedigrees on over 30,000 dogs as well as almost 2000 photos. Access to this database is gained by donating yearly to the PWDF (please note that the donation to the PWDF must be made "in Honor of the PSG" only). For more information on how to access this database go to <http://www.pwdinfo.com/> All the hard work in compiling this database has paid off in a donation to date of \$6,714.00

The amazing team consisting of Milarie Rude, Nigel Clark, and Kathy Bumiller collected and compiled PWDFCA members and friend's recipes in the fabulous cookbook, "Don't Turn Your Back....Cooking With Your Portuguese Water Dog. Besides some delicious recipes for both humans and canines, the cookbook was chock full of Verne Foster's PWD artwork! The cookbook (which required a second printing) amounted to over \$15,000 for the PWDF.

Along with the four great ideas listed above, the PWDF has received donations from water trial judges that have donated their fee, water workshop registration fees, a percentage of regional club dues, club raffles, club auctions, individual auction items or a percentage of proceeds, yard sales, regional clubs memorializing their member's dogs and all breed clubs honoring their members for their work.

The PWDF is fortunate to have such innovative fund raising efforts by concerned Portuguese Water Dog owners and fanciers.